



T5

8T5HE/COR/22-850/MF10/G 25/1

Philips MainsFit (Type B) T5 LED tubes offer an affordable, energy saving retrofit solution to replace fluorescent T5 HE lamps. The double-ended design makes for a quick and simple installation. Our lamps have been engineered to withstand the test of time with a 50,000-hour lifetime and a limited 5-year warranty to back it up.

Product data

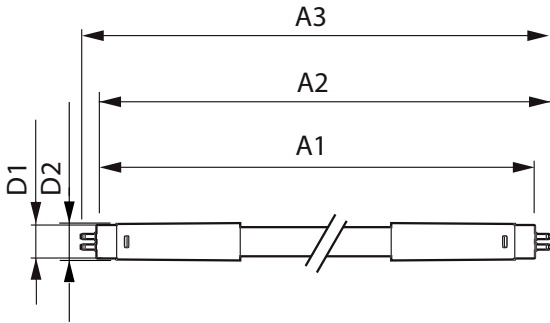
General Information		Warm Up Time to 60% Light (Nom)	
Base	G5 [G5]		0.5 s
EU RoHS compliant	Yes	UL Type	TLED_Type B; UL classified double end
Nominal Lifetime (Nom)	50000 h	Power Factor (Nom)	0.9
Switching Cycle	50000X	Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	200 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	1050 lm	T-Storage (Max)	65 °C
Color Designation	Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	131.00 lm/W	Controls and Dimming	
Color Consistency	<5	Dimmable	Limited
Color Rendering Index (Nom)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Operating and Electrical		Bulb Material	Glass
Input Frequency	50 to 60 Hz	Product Length	24 in
Power (Rated) (Nom)	8 W	Bulb Shape	Tube, double-ended
Lamp Current (Max)	84 mA	Approval and Application	
Lamp Current (Min)	31 mA	Energy Saving Product	Yes
Starting Time (Nom)	0.5 s		

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Approbation Marks	RoHS compliance UL certificate
Product Data	
Order product name	8T5HE/COR/22-850/MF10/G 25/1
EAN/UPC - Product	046677576165
Order code	576165
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	25
Material Nr. (12NC)	929003122904
Net Weight (Piece)	0.080 kg
Model Number	9290031229

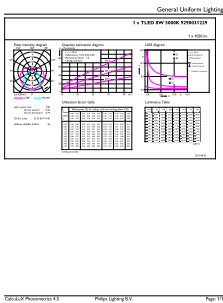
Dimensional drawing



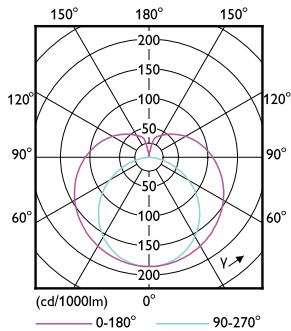
TLED T8 120-277V 8-14W 1050lm 5000K G5

Product
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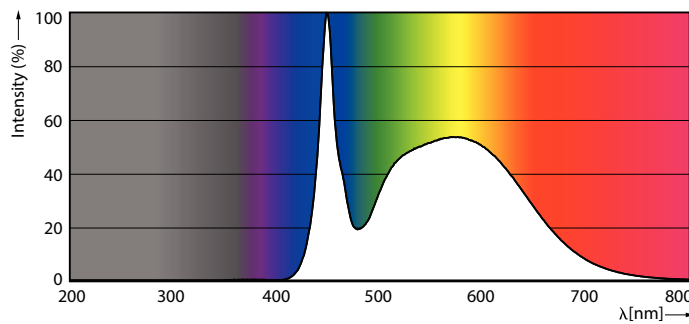
Photometric data



LEDtube COR NAM1 8W G5 1050lm 850-GUL

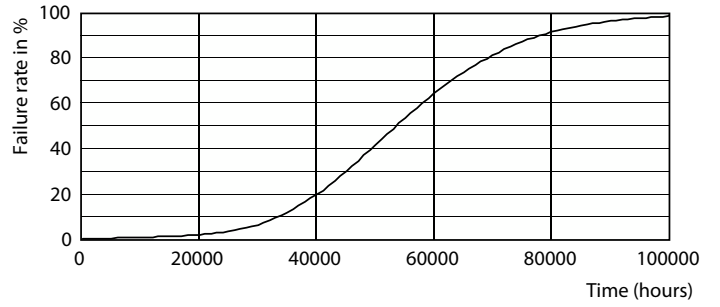
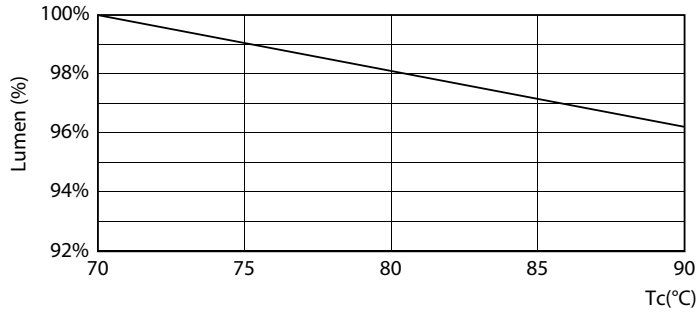


LEDtube COR NAM1 8W G5 1000lm-LDD



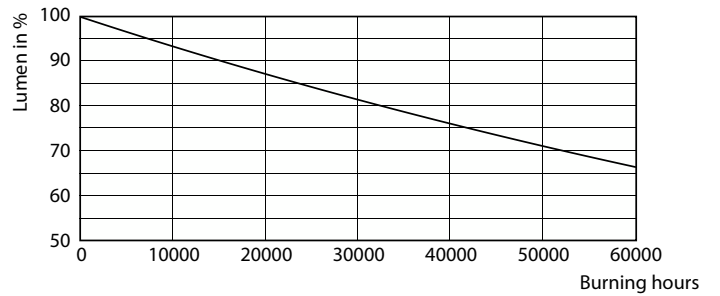
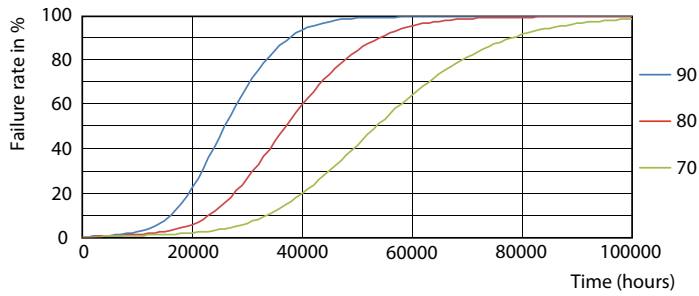
LEDtube COR NAM1 8W G5 1050lm 850-POC

Lifetime



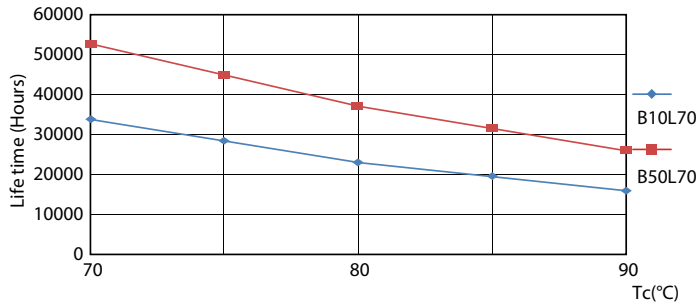
LEDtube COR NAM1 8W 50K LumenVsTc-LMP

LEDtube 50K-LED



LEDtube 50K 7090 FailureRate-LED

LEDtube 50K-LMP



LEDtube 50K 7090 LifetimeVsTc-LED

